

Copyright (c) 1993 - 2003 Comigen Ltd.	GenCore version 5.1.3	January 16, 2003, 16:59:22	Search time: 17.14% Search- (without alignment), 89.447 Million cell updates/sec	Sequence 4, Appli
protein - nucleic search, using frameplus_P20 model				Sequence 5, Appli
in sec:	US-09-856-070-26	strict score:	28	Sequence 6, Appli
Sequence:	1 GRYEE 5	Sequence:	1 GRYEE 5	Sequence 7, Appli
scoring table:	BLOSUM62	Xgapext	0.5	Sequence 8, Appli
	Xgapop 10.0 , Ygapext 0.5	Xgapext 7.0		Sequence 9, Appli
	Eqgap 6.0 , Fgapext 7.0	Fgapext 7.0		Sequence 10, Appli
	Dgap 6.0 , Delext 7.0	Delext 7.0		Sequence 11, Appli
searched:	44162 seqs, 153381 residues	total number of hits satisfying chosen parameters:	88,774	Sequence 12, Appli
minimum DB seq length:	0	maximum DB seq length:	20000000	Sequence 13, Appli
maximum DB seq length:	20000000	list-processing:	Minimum Match 08 Maximum Match 100 Listing first 45 summaries	Sequence 14, Appli
command line parameters:				Sequence 15, Appli

No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysing the total score distribution.

SUMMARY

LOCATION: (2) . . . (505)
S-09-376-113-4

ALIGNMENT S.

TELECOMMUNICATION INFORMATION
 TELEPHONE: 610-570-4478
 TELEFAX: 610-270-5090
 TELEX:
 INFORMATION FOR SEQ ID NO: 168
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1047 base pairs
 TYPE: nucleic acid
 STRANDNESS: single
 TOPOLOGY: linear
 US-08-858-207A 168

Alignment Scores:
 Pred. No.: 312
 Score: 28.00
 Percent Similarity: 100.00%
 Best Local Similarity: 100.00%
 Query Match: 100.00%
 DB: 4

US-09-856-070-26 (1-5) x US-08-858

QY 1 GluAspGluGlu 5
 |||||
 Db 809 CAAGCTAAGGGAG; 795

RESULT 4
 US-09-221-017B 965/c
 Sequence 365, Application US-09-221-017B
 Patent No. 644799

GENERAL INFORMATION:
 APPLICANT: ROSS, Bruce C.
 TITLE OF INVENTION: P. GINGIV
 NUMBER OF SEQUENCES: 1120
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORRISON & FOERS
 STREET: 755 PAGE MILL ROAD
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 21F. 94304-1018

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows
 SOFTWARE: FastSH 90 for Windows

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-09/221-017B
 FILING DATE: 23-DEC-1998
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PP1182
 FILING DATE: 31-DEC-1997

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PP1546
 FILING DATE: 30-JAN-1998

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PP2911
 FILING DATE: 09-APR-1998

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/AU95/001
 FILING DATE: 16-DEC-1998

ATTORNEY/AGENT INFORMATION:
 NAME: MONTOY, Gladys H
 REGISTRATION NUMBER: 32,430
 REFERENCE/DOCKET NUMBER: 27
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-413-5800
 TELEX: 706141

INFORMATION FOR SEQ ID NO: 965:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2721 base pairs;
 SEQUENCE:

TYPE: nucleic acid
 STRANDEDNESS: double
 MOLECULE TYPE: Circular
 HYPOTHETICAL: NO
 ANTI-SENSE: UNKNOWN
 ORIGINAL SOURCE:
 ORGANISM: PORPHYROMONAS GINGIVALIS
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1...2721
 US-09-241-07B-965

Alignment Scores:
 Pred. No.: 818 Length: 2721
 Score: 28.00 Matches: 5
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indexes: 0
 DB: 4 Gaps: 0

(S 09 856-070-26 (1-5) x US-09-241-07B-965 (1-2721))

QY 1 GlnAspTyrGluGlu 5
 Db 1052 CAAGCTATCAAGAG 1038

RESULT 6
 US-09-971-244-1
 Sequence 1, Application US-08971244
 Patent No. 58611719
 GENERAL INFORMATION:
 APPLICANT: Cohen, Lucy
 APPLICANT: Bauer, Le, Patrick
 TITLE OF INVENTION: IKAP Protein, Nucleic Acids and Methods
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
 STREET: 75 BENJISH DRIVE
 CITY: HILLSHOROUGH
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-09-971-244
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: OSMAN, RICHARD A.
 REGISTRATION NUMBER: 36,627
 REFERENCE/DOCKET NUMBER: T97-011
 TELECOMMUNICATION:
 TELEPHONE: (650) 343-3341
 TELEFAX: (650) 343-4342
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3999 base pairs
 STRAND/DIRECTION: double
 TYPE: nucleic acid
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..3999
 US-09-971-244-1

Alignment Scores:
 Pred. No.: 1.21e+03 Length: 3999
 Score: 28.00 Matches: 5
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indexes: 0
 DB: 2 CAGGATTATAGAA 3234

RESULT 7
 US-09-286-891-1
 Sequence 1, Application US-09286891
 Patent No. 6121195
 GENERAL INFORMATION:

APPLICANT: Cohen, Jerry
 APPLICANT: Bauchle, Patrick
 TITLE OF INVENTION: IKAP Proteins, Nucleic Acids and Methods
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
 STREET: 75 BENEDICTIVE
 CITY: HILLSBOROUGH
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94010
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US09/286,891
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/971,244
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: OSMAN, RICHARD A.
 REGISTRATION NUMBER: 36,627
 REFERENCE/DOCKET NUMBER: T97-011
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 343-4341
 TELEFAX: (650) 343-4342
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3999 base pairs
 STRANDBENESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: GDS
 LOCATION: 1..4996
 US-09-286,891-1

 Alignment Scores:
 Prod. No.: 1..210..03 Length: 3999
 Score: 26.00 Matches: 5
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 (IR): 4 Gaps: 0

 US-09-286,070-26 (1..5) x US-09-286,891-1 (1..4999)
 YY 1 GluAspTyrGluGlu 5
 |||||
 BB 6220 CAGCTAATGAGAA 3444

RESULT B
 US-09-061,627-7,2
 Sequence 7,2, Application: US09/286,891-1
 Patent No. 6,420,135
 GENERAL INFORMATION:
 TITLE OF INVENTION: streptococcus pneumoniae Polynucleotides
 NUMBER OF SEQUENCES: 491
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Human Genome Sciences, Inc.
 CITY: Rockville
 STATE: Maryland
 COUNTRY: USA
 ZIPL: 20850
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage

TELEPHONE: 202-371-2600
 INFORMATION FOR SEQ ID NO: 22:
 LENGTH: 354 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-946-914-22

Alignment Scores:
 Pred. No.: 511 Length: 354
 score: 25.00 Matches: 4
 Percent Similarity: 100.00% Conservative: 1
 Best Local Similarity: 80.00% Mismatches: 0
 Query Match: 89.29% Indels: 0
 DB: 3 Gaps: 0

US-09-856-070-26 (1-5) x US-08-946-914-22 (1-354)

Oy 1 GluAspTyrGlu 5
 ||||||| 122

Db 136 CAGGCTATGAAAGAC 122

RESULT 10
 US-09-656-450-22/C
 Sequence 22, Application US/09656450
 GENERAL INFORMATION:
 APPLICANT: Ni, Jian
 ATTORNEY: Genit, Reiner
 APPLICANT: Ruben, Steven M.
 FILE REFERENCE: 1488-0560003
 CURRENT APPLICATION NUMBER: US/09-656,450
 CURRENT FILING DATE: 2000-09-06
 PRIOR APPLICATION NUMBER: US/09-263,689
 PRIOR FILING DATE: 1999-03-05
 PRIOR FILING DATE: 1997-10-09
 PRIOR APPLICATION NUMBER: US/08/946,914
 PRIOR FILING DATE: 1996-10-09
 NUMBER OF SEQ ID NOs: 60
 SEQ ID NO: 22
 LENGTH: 354
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (238)
 OTHER INFORMATION: n is A, C, T, or G
 NAME/KEY: misc_feature
 LOCATION: (269)
 OTHER INFORMATION: n is A, C, T, or G
 NAME/KEY: misc_feature
 LOCATION: (276)
 OTHER INFORMATION: n is A, C, T, or G
 NAME/KEY: misc_feature
 LOCATION: (318)
 OTHER INFORMATION: n is A, C, T, or G
 US-09-656-450-22

Q, 1 GluAspTyrGlu 5
 ||||||| 122
 Db 136 CAGGCTATGAAAGAC 122

RESULT 11
 US-09-080-983-16
 ; sequence 16, Application US/09080983
 ; Patent No. 6,197,948
 ; GENERAL INFORMATION:
 ; APPLICANT: Gonsalves, Dennis
 ; APPLICANT: Zhu, Hai-ying
 ; APPLICANT: Ling, Kai-shu
 ; TITLE OF INVENTION: GRAPEVINE LEAFROLL VIRUS TYPE 2 PROTEINS
 ; NUMBER OF SEQUENCES: 23
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Nixon, Harrgrave, Devans & Doyle LLP
 ; STREET: Clinton Square, P.O. Box 1051
 ; CITY: Rochester
 ; STATE: New York
 ; COUNTRY: U.S.A
 ; ZIP: 14603
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/080,983
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/047,194
 FILING DATE: 20-MAY-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Goldman, Michael L.
 REGISTRATION NUMBER: 30,727
 REFERENCE/ZOCKET NUMBER: 19603/1631
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (716) 261-1304
 TELEFAX: (716) 263-1600
 INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 486 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-09-080-983-16

Alignment Scores:
 Pred. No.: 763 Length: 486
 Score: 25.00 Matches: 4
 Percent Similarity: 100.00% Conservative: 1
 Best Local Similarity: 80.00% Mismatches: 0
 Query Match: 89.29% Indels: 0
 DB: 4 Gaps: 0

US-09-856-070-26 (1-5) x US-09-080-983-16 (1-486)

Q, 1 GluAspTyrGlu 5
 ::::: 122
 Db 4 GAAGATTAAGAA 18

RESULT 12
 US-09-004-838-69
 ; Sequence 69, Application US/09004838
 ; Patent No. 6,350,333
 ; GENERAL INFORMATION:
 ; APPLICANT: Michelmore, Richard W.
 ; APPLICANT: Shen, Kathy
 ; APPLICANT: Myers, Blake

TITLE OF INVENTION: Procedures and Materials for
TITLE OF INVENTION: Conferring Pest Resistance in Plants

NUMBER OF SPECIMENS: 140

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3844

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patent in release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/004,838

FILING DATE: 09-JAN-1998

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/781,734

FILING DATE: 10-JAN-1997

ATTORNEY/AGENT INFORMATION:

NAME: Einhorn, Gregory P.
REGISTRATION NUMBER: 38,440

REFERENCE/DOCKET NUMBER: 02-4070-078810nts

TELECOMMUNICATION INFORMATION:

PHONE: (415) 576-0200

FAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 6,9:

SEQUENCE CHARACTERISTICS:

LENGTH: 524 base pairs

TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 FEATURE:
 NAME/KEY:
 LOCATION: 1..524
 OTHER INFORMATION: /note= "R154"
 ; 09-004-B8-B-69

Alignment Scores:	
ed. No.:	759
score:	25.00
Overall Similarity:	100.00%
First Local Similarity:	80.00%
Every Match:	89.29%
Misses:	4
Length:	5
Matches:	5
Conservative Mismatches:	0
Indels:	0
Gaps:	0

1 GluAspIleGluGlu 5
 ||||| : : : : :
 457 CGAGTTATGAGCA 471

RESULT 13

5-09-064-922-4
SOMONDO A 66015001000000000000

Patent No. 62222095
Inventor: G. J. Application No. 02/03034722

GENERAL INFORMATION:
AEROMARINE COLLAGE

APPLICANT: MORTON L. GUTHRIE
WITNESS: CATHY K.

TITLE OF INVENTION: Sequences from Auxin-Induced Invention

NUMBER OF SEQUENCES: 9

RECORDED IN THE OFFICE OF THE CLERK OF THE COURT OF COMMON PLEAS FOR THE COUNTY OF ST. LOUIS, MISSOURI.

ROBERT J. KIRKWOOD AND ROBERT M. CROW
STREET: Two Embarcadero Center, Eighth Flo-

CITY: San Francisco
STATE: California

COUNTRY : USA

ZIP: 94111-3834

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US09/882,501
 FILING DATE: 25-JUN-1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: McDoneill, Leslie A.
 REGISTRATION NUMBER: 34,872
 REFERENCE NUMBER: 6445 0155-000000
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-408-4000
 TELEFAX: 202-408-4400
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 600 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 ORIGINAL SOURCE:
 ORGANISM: Enterococcus pseudoavium
 US-09-882-501-27

Alignment Scores:
 Pred. No.: 870 Length: 600
 Score: 25.00 Matches: 4
 Percent Similarity: 100.00% Conservative: 1
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 89.29% Indels: 0
 DB: 444 CAGGATATTACCGAA 458

US-09-856-070-26 (1-5) x US-09-882-501-27 (1-600)

QY 1 GlnAspTyrGluGlu 5
 |||||:|||:||:|||
 Db 66 CAGGATATTACCGAA 80

RESULT 15
 US-09-328-111-36 Sequence 36, Application US/09328111
 Patent No. 6,262,333

GENERAL INFORMATION:
 APPLICANT: Endoge, Wilson C.
 APPLICANT: Steinmann, Kathleen E.
 APPLICANT: Astle, Jon H.
 APPLICANT: Burgess, Christopher C.
 APPLICANT: Bushnell, Steven E.
 APPLICANT: Carroll III, Eddie
 APPLICANT: Catino, Theodore J.
 APPLICANT: Devri, Adnan
 APPLICANT: Ford, Donna M.
 APPLICANT: Lewis, Marcia E.
 APPLICANT: Monahan, John E.
 APPLICANT: Schlegel, Robert E.

TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
 TITLE OF INVENTION: PRODUCTS
 FILE REFERENCE: CCD-257 (US)
 CURRENT APPLICATION NUMBER: US/09/328-111
 CURRENT FILING DATE: 1999-06-08
 EARLIER APPLICATION NUMBER: US 60/088,801
 EARLIER FILING DATE: 1998-06-10
 NUMBER OF SEQ ID NOS: 870
 SOFTWARE: FastBQ for Windows Version 3.0
 SEQ ID NO: 36
 LENGTH: 600
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc. feature
 LOCATION: (1) ... (600)
 OTHER INFORMATION: n - A,T,C or G

US-09-328-111-36

